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## United States Life Tables, 2008

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The **Technical Notes** section of this report has been updated (see page 60, left column, last paragraph) to facilitate replication of this work.

### Abstract

**Objectives**—This report presents complete period life tables for the United States by race, Hispanic origin, and sex, based on age-specific death rates in 2008.

**Methods**—Data used to prepare the 2008 life tables are 2008 final mortality statistics; July 1, 2008, population estimates based on the 2000 decennial census; and 2008 Medicare data for persons aged 66–99. The methodology used to estimate the 2008 life tables has been revised from that used for data years 2000–2007. The methodology was refined in two important ways. First, a logistic model rather than a nonlinear least squares model was used to smooth and extrapolate the vital statistics and Medicare blended death rates at the oldest ages. Second, the age at which smoothing is begun was raised from 66 to 85 or so, depending on the population. This modification applies to the life tables for the total population and for the white, black, non-Hispanic white, and non-Hispanic black populations. The methodology used to estimate the life tables for the Hispanic population remains unchanged from that developed for the publication of life tables by Hispanic origin for data year 2006.

**Results**—In 2008, the overall expectation of life at birth was 78.1 years. Between 2007 and 2008, life expectancy at birth increased for all groups considered, although approximately 0.1 years of the increase is due to the change in methodology. Life expectancy increased for both males (from 75.4 to 75.6) and females (80.4 to 80.6) and for the white population (78.4 to 78.5), the black population (73.6 to 74.0), the Hispanic population (80.9 to 81.0), the non-Hispanic white population (78.2 to 78.4), and the non-Hispanic black population (73.2 to 73.7).

**Keywords:** life expectancy • survival • death rates • race

### Introduction

There are two types of U.S. life tables: the cohort (or generation) life table and the period (or current) life table. The cohort life table presents the mortality experience of a particular birth cohort—all persons born in the year 1900, for example—from the moment of birth through consecutive ages in successive calendar years. Based

on age-specific death rates observed through consecutive calendar years, the cohort life table reflects the mortality experience of an actual cohort from birth until no lives remain in the group. To prepare just a single complete cohort life table requires data over many years. It is usually not feasible to construct cohort life tables entirely on the basis of observed data for real cohorts due to data unavailability or incompleteness (1). For example, a life table representation of the mortality experience of a cohort of persons born in 1970 would require the use of data projection techniques to estimate deaths into the future (2,3).

Unlike the cohort life table, the period life table does not represent the mortality experience of an actual birth cohort. Rather, the period life table presents what would happen to a hypothetical cohort if it experienced throughout its entire life the mortality conditions of a particular period in time. For example, a period life table for 2008 assumes a hypothetical cohort that is subject throughout its lifetime to the age-specific death rates prevailing for the actual population in 2008. The period life table may thus be characterized as rendering a “snapshot” of current mortality experience and shows the long-range implications of a set of age-specific death rates that prevailed in a given year. In this report the term “life table” refers only to the period life table and not to the cohort life table.

Life tables can be classified in two ways according to the length of the age interval in which data are presented. A *complete* life table contains data for every single year of age. An *abridged* life table typically contains data by 5- or 10-year age intervals. A complete life table, of course, can easily be aggregated into 5- or 10-year age groups (refer to the Technical Notes at the end of this report for instructions). Other than the decennial life tables, U.S. life tables based on data prior to 1997 are abridged life tables constructed by reference to a standard table (4). This report presents complete period life tables by race, Hispanic origin, race for the non-Hispanic population, and sex.

### Data and Methods

The data used to prepare the U.S. life tables for 2008 are final numbers of deaths for the year 2008, postcensal population estimates for the year 2008, and age-specific death and population



**Table 4. Life table for the white population: United States, 2008**Spreadsheet version available from: [ftp://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Publications/NVSR/61\\_03/Table04.xls](ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/61_03/Table04.xls).

	Probability of dying between ages $x$ and $x + 1$	Number surviving to age $x$	Number dying between ages $x$ and $x + 1$	Person-years lived between ages $x$ and $x + 1$	Total number of person-years lived above age $x$	Expectation of life at age $x$
Age (years)	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0-1	0.005535	100,000	553	99,517	7,850,315	78.5
1-2	0.000429	99,447	43	99,425	7,750,798	77.9
2-3	0.000259	99,404	26	99,391	7,651,373	77.0
3-4	0.000197	99,378	20	99,368	7,551,982	76.0
4-5	0.000155	99,359	15	99,351	7,452,614	75.0
5-6	0.000141	99,343	14	99,336	7,353,263	74.0
6-7	0.000127	99,329	13	99,323	7,253,927	73.0
7-8	0.000115	99,316	11	99,311	7,154,604	72.0
8-9	0.000101	99,305	10	99,300	7,055,293	71.0
9-10	0.000086	99,295	9	99,291	6,955,993	70.1
10-11	0.000075	99,286	7	99,283	6,856,703	69.1
11-12	0.000080	99,279	8	99,275	6,757,420	68.1
12-13	0.000114	99,271	11	99,265	6,658,145	67.1
13-14	0.000182	99,260	18	99,251	6,558,880	66.1
14-15	0.000273	99,242	27	99,228	6,459,629	65.1
15-16	0.000369	99,214	37	99,196	6,360,401	64.1
16-17	0.000458	99,178	45	99,155	6,261,205	63.1
17-18	0.000544	99,132	54	99,105	6,162,050	62.2
18-19	0.000625	99,078	62	99,047	6,062,944	61.2
19-20	0.000702	99,016	70	98,982	5,963,897	60.2
20-21	0.000783	98,947	78	98,908	5,864,915	59.3
21-22	0.000861	98,869	85	98,827	5,766,007	58.3
22-23	0.000914	98,784	90	98,739	5,667,180	57.4
23-24	0.000933	98,694	92	98,648	5,568,441	56.4
24-25	0.000927	98,602	91	98,556	5,469,793	55.5
25-26	0.000914	98,510	90	98,465	5,371,237	54.5
26-27	0.000906	98,420	89	98,376	5,272,772	53.6
27-28	0.000904	98,331	89	98,287	5,174,396	52.6
28-29	0.000912	98,242	90	98,198	5,076,109	51.7
29-30	0.000930	98,153	91	98,107	4,977,911	50.7
30-31	0.000956	98,061	94	98,015	4,879,804	49.8
31-32	0.000986	97,968	97	97,919	4,781,790	48.8
32-33	0.001022	97,871	100	97,821	4,683,870	47.9
33-34	0.001066	97,771	104	97,719	4,586,049	46.9
34-35	0.001115	97,667	109	97,612	4,488,330	46.0
35-36	0.001173	97,558	114	97,501	4,390,718	45.0
36-37	0.001243	97,444	121	97,383	4,293,217	44.1
37-38	0.001327	97,322	129	97,258	4,195,834	43.1
38-39	0.001427	97,193	139	97,124	4,098,576	42.2
39-40	0.001547	97,055	150	96,980	4,001,452	41.2
40-41	0.001678	96,904	163	96,823	3,904,473	40.3
41-42	0.001828	96,742	177	96,653	3,807,649	39.4
42-43	0.002009	96,565	194	96,468	3,710,996	38.4
43-44	0.002222	96,371	214	96,264	3,614,528	37.5
44-45	0.002455	96,157	236	96,039	3,518,264	36.6
45-46	0.002692	95,921	258	95,792	3,422,225	35.7
46-47	0.002931	95,663	280	95,522	3,326,434	34.8
47-48	0.003184	95,382	304	95,230	3,230,911	33.9
48-49	0.003458	95,078	329	94,914	3,135,681	33.0
49-50	0.003757	94,750	356	94,572	3,040,767	32.1
50-51	0.004085	94,394	386	94,201	2,946,195	31.2
51-52	0.004429	94,008	416	93,800	2,851,994	30.3
52-53	0.004777	93,592	447	93,368	2,758,194	29.5
53-54	0.005124	93,145	477	92,906	2,664,826	28.6
54-55	0.005480	92,667	508	92,413	2,571,920	27.8
55-56	0.005859	92,160	540	91,890	2,479,507	26.9
56-57	0.006284	91,620	576	91,332	2,387,617	26.1
57-58	0.006773	91,044	617	90,736	2,296,286	25.2
58-59	0.007342	90,427	664	90,095	2,205,550	24.4
59-60	0.007984	89,763	717	89,405	2,115,455	23.6
60-61	0.008696	89,047	774	88,659	2,026,050	22.8
61-62	0.009459	88,272	835	87,855	1,937,390	21.9
62-63	0.010266	87,437	898	86,989	1,849,535	21.2

See footnote at end of table.

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Age (years)	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
63–64 . . . . .	0.011118	86,540	962	86,059	1,762,547	20.4
64–65 . . . . .	0.012045	85,578	1,031	85,062	1,676,488	19.6
65–66 . . . . .	0.013117	84,547	1,109	83,992	1,591,426	18.8
66–67 . . . . .	0.014343	83,438	1,197	82,839	1,507,434	18.1
67–68 . . . . .	0.015679	82,241	1,289	81,596	1,424,594	17.3
68–69 . . . . .	0.017083	80,952	1,383	80,260	1,342,998	16.6
69–70 . . . . .	0.018583	79,569	1,479	78,829	1,262,738	15.9
70–71 . . . . .	0.020201	78,090	1,577	77,301	1,183,909	15.2
71–72 . . . . .	0.022101	76,513	1,691	75,667	1,106,607	14.5
72–73 . . . . .	0.024332	74,822	1,821	73,911	1,030,940	13.8
73–74 . . . . .	0.026811	73,001	1,957	72,022	957,029	13.1
74–75 . . . . .	0.029460	71,044	2,093	69,997	885,006	12.5
75–76 . . . . .	0.032266	68,951	2,225	67,839	815,009	11.8
76–77 . . . . .	0.035339	66,726	2,358	65,547	747,171	11.2
77–78 . . . . .	0.038842	64,368	2,500	63,118	681,623	10.6
78–79 . . . . .	0.042900	61,868	2,654	60,541	618,505	10.0
79–80 . . . . .	0.047548	59,214	2,815	57,806	557,965	9.4
80–81 . . . . .	0.052500	56,398	2,961	54,918	500,159	8.9
81–82 . . . . .	0.057746	53,437	3,086	51,894	445,241	8.3
82–83 . . . . .	0.063686	50,352	3,207	48,748	393,346	7.8
83–84 . . . . .	0.070722	47,145	3,334	45,478	344,598	7.3
84–85 . . . . .	0.078546	43,811	3,441	42,090	299,120	6.8
85–86 . . . . .	0.087300	40,370	3,524	38,607	257,030	6.4
86–87 . . . . .	0.096959	36,845	3,572	35,059	218,423	5.9
87–88 . . . . .	0.108272	33,273	3,603	31,472	183,364	5.5
88–89 . . . . .	0.120625	29,670	3,579	27,881	151,892	5.1
89–90 . . . . .	0.134049	26,091	3,498	24,343	124,011	4.8
90–91 . . . . .	0.148560	22,594	3,357	20,916	99,669	4.4
91–92 . . . . .	0.164159	19,237	3,158	17,658	78,753	4.1
92–93 . . . . .	0.180823	16,079	2,908	14,626	61,095	3.8
93–94 . . . . .	0.198511	13,172	2,615	11,864	46,469	3.5
94–95 . . . . .	0.217156	10,557	2,293	9,411	34,605	3.3
95–96 . . . . .	0.236666	8,265	1,956	7,287	25,194	3.0
96–97 . . . . .	0.256928	6,309	1,621	5,498	17,908	2.8
97–98 . . . . .	0.277804	4,688	1,302	4,037	12,410	2.6
98–99 . . . . .	0.299137	3,385	1,013	2,879	8,373	2.5
99–100 . . . . .	0.320758	2,373	761	1,992	5,494	2.3
100 and over . . . . .	1.000000	1,612	1,612	3,502	3,502	2.2

SOURCE: CDC/NCHS, National Vital Statistics System.

**Table 5. Life table for white males: United States, 2008**Spreadsheet version available from: [ftp://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Publications/NVSR/61\\_03/Table05.xls](ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/61_03/Table05.xls).

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Age (years)	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0-1	0.006040	100,000	604	99,474	7,605,194	76.1
1-2	0.000464	99,396	46	99,373	7,505,720	75.5
2-3	0.000299	99,350	30	99,335	7,406,347	74.5
3-4	0.000234	99,320	23	99,309	7,307,012	73.6
4-5	0.000167	99,297	17	99,289	7,207,703	72.6
5-6	0.000157	99,280	16	99,273	7,108,415	71.6
6-7	0.000140	99,265	14	99,258	7,009,142	70.6
7-8	0.000125	99,251	12	99,245	6,909,884	69.6
8-9	0.000106	99,239	10	99,233	6,810,640	68.6
9-10	0.000084	99,228	8	99,224	6,711,406	67.6
10-11	0.000068	99,220	7	99,216	6,612,182	66.6
11-12	0.000076	99,213	8	99,209	6,512,966	65.6
12-13	0.000124	99,205	12	99,199	6,413,757	64.7
13-14	0.000222	99,193	22	99,182	6,314,558	63.7
14-15	0.000353	99,171	35	99,154	6,215,376	62.7
15-16	0.000489	99,136	49	99,112	6,116,222	61.7
16-17	0.000617	99,088	61	99,057	6,017,110	60.7
17-18	0.000747	99,026	74	98,989	5,918,053	59.8
18-19	0.000877	98,952	87	98,909	5,819,064	58.8
19-20	0.001007	98,866	100	98,816	5,720,155	57.9
20-21	0.001145	98,766	113	98,710	5,621,339	56.9
21-22	0.001274	98,653	126	98,590	5,522,629	56.0
22-23	0.001358	98,527	134	98,460	5,424,039	55.1
23-24	0.001380	98,393	136	98,326	5,325,579	54.1
24-25	0.001356	98,258	133	98,191	5,227,253	53.2
25-26	0.001317	98,125	129	98,060	5,129,062	52.3
26-27	0.001288	97,995	126	97,932	5,031,002	51.3
27-28	0.001269	97,869	124	97,807	4,933,070	50.4
28-29	0.001269	97,745	124	97,683	4,835,263	49.5
29-30	0.001286	97,621	126	97,558	4,737,580	48.5
30-31	0.001311	97,495	128	97,431	4,640,022	47.6
31-32	0.001338	97,367	130	97,302	4,542,590	46.7
32-33	0.001371	97,237	133	97,171	4,445,288	45.7
33-34	0.001415	97,104	137	97,035	4,348,118	44.8
34-35	0.001464	96,966	142	96,896	4,251,082	43.8
35-36	0.001526	96,825	148	96,751	4,154,187	42.9
36-37	0.001604	96,677	155	96,599	4,057,436	42.0
37-38	0.001697	96,522	164	96,440	3,960,837	41.0
38-39	0.001809	96,358	174	96,271	3,864,397	40.1
39-40	0.001945	96,184	187	96,090	3,768,126	39.2
40-41	0.002096	95,996	201	95,896	3,672,036	38.3
41-42	0.002271	95,795	218	95,686	3,576,140	37.3
42-43	0.002488	95,578	238	95,459	3,480,454	36.4
43-44	0.002749	95,340	262	95,209	3,384,995	35.5
44-45	0.003039	95,078	289	94,933	3,289,786	34.6
45-46	0.003335	94,789	316	94,631	3,194,853	33.7
46-47	0.003636	94,473	343	94,301	3,100,222	32.8
47-48	0.003961	94,129	373	93,943	3,005,921	31.9
48-49	0.004322	93,756	405	93,554	2,911,979	31.1
49-50	0.004720	93,351	441	93,131	2,818,425	30.2
50-51	0.005155	92,911	479	92,671	2,725,294	29.3
51-52	0.005608	92,432	518	92,172	2,632,623	28.5
52-53	0.006068	91,913	558	91,634	2,540,450	27.6
53-54	0.006524	91,356	596	91,058	2,448,816	26.8
54-55	0.006990	90,759	634	90,442	2,357,758	26.0
55-56	0.007486	90,125	675	89,788	2,267,316	25.2
56-57	0.008035	89,450	719	89,091	2,177,528	24.3
57-58	0.008642	88,732	767	88,348	2,088,437	23.5
58-59	0.009318	87,965	820	87,555	2,000,089	22.7
59-60	0.010059	87,145	877	86,707	1,912,534	21.9
60-61	0.010870	86,269	938	85,800	1,825,827	21.2
61-62	0.011744	85,331	1,002	84,830	1,740,027	20.4
62-63	0.012677	84,329	1,069	83,794	1,655,198	19.6

See footnote at end of table.

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Age (years)	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
63–64 . . . . .	0.013681	83,260	1,139	82,690	1,571,404	18.9
64–65 . . . . .	0.014789	82,121	1,215	81,513	1,488,713	18.1
65–66 . . . . .	0.016069	80,906	1,300	80,256	1,407,200	17.4
66–67 . . . . .	0.017526	79,606	1,395	78,908	1,326,944	16.7
67–68 . . . . .	0.019123	78,211	1,496	77,463	1,248,036	16.0
68–69 . . . . .	0.020811	76,715	1,597	75,917	1,170,573	15.3
69–70 . . . . .	0.022610	75,119	1,698	74,269	1,094,656	14.6
70–71 . . . . .	0.024538	73,420	1,802	72,519	1,020,387	13.9
71–72 . . . . .	0.026769	71,619	1,917	70,660	947,867	13.2
72–73 . . . . .	0.029448	69,701	2,053	68,675	877,207	12.6
73–74 . . . . .	0.032446	67,649	2,195	66,551	808,532	12.0
74–75 . . . . .	0.035662	65,454	2,334	64,287	741,980	11.3
75–76 . . . . .	0.039058	63,120	2,465	61,887	677,694	10.7
76–77 . . . . .	0.042701	60,654	2,590	59,359	615,807	10.2
77–78 . . . . .	0.046896	58,064	2,723	56,703	556,447	9.6
78–79 . . . . .	0.051757	55,341	2,864	53,909	499,744	9.0
79–80 . . . . .	0.057367	52,477	3,010	50,972	445,835	8.5
80–81 . . . . .	0.063309	49,467	3,132	47,901	394,863	8.0
81–82 . . . . .	0.069561	46,335	3,223	44,723	346,963	7.5
82–83 . . . . .	0.076512	43,112	3,299	41,463	302,239	7.0
83–84 . . . . .	0.084685	39,813	3,372	38,127	260,777	6.5
84–85 . . . . .	0.093731	36,442	3,416	34,734	222,649	6.1
85–86 . . . . .	0.104141	33,026	3,439	31,306	187,915	5.7
86–87 . . . . .	0.115853	29,587	3,428	27,873	156,609	5.3
87–88 . . . . .	0.128581	26,159	3,364	24,477	128,736	4.9
88–89 . . . . .	0.142346	22,795	3,245	21,173	104,259	4.6
89–90 . . . . .	0.157154	19,550	3,072	18,014	83,087	4.2
90–91 . . . . .	0.172995	16,478	2,851	15,053	65,072	3.9
91–92 . . . . .	0.189837	13,627	2,587	12,334	50,020	3.7
92–93 . . . . .	0.207629	11,040	2,292	9,894	37,686	3.4
93–94 . . . . .	0.226298	8,748	1,980	7,758	27,791	3.2
94–95 . . . . .	0.245746	6,768	1,663	5,937	20,033	3.0
95–96 . . . . .	0.265856	5,105	1,357	4,427	14,096	2.8
96–97 . . . . .	0.286493	3,748	1,074	3,211	9,670	2.6
97–98 . . . . .	0.307502	2,674	822	2,263	6,459	2.4
98–99 . . . . .	0.328719	1,852	609	1,547	4,196	2.3
99–100 . . . . .	0.349975	1,243	435	1,026	2,648	2.1
100 and over . . . . .	1.000000	808	808	1,623	1,623	2.0

SOURCE: CDC/NCHS, National Vital Statistics System.



**Table 6. Life table for white females: United States, 2008**Spreadsheet version available from: [ftp://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Publications/NVSR/61\\_03/Table06.xls](ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/61_03/Table06.xls).

	Probability of dying between ages $x$ and $x + 1$	Number surviving to age $x$	Number dying between ages $x$ and $x + 1$	Person-years lived between ages $x$ and $x + 1$	Total number of person-years lived above age $x$	Expectation of life at age $x$
Age (years)	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0-1	0.005005	100,000	500	99,562	8,090,312	80.9
1-2	0.000392	99,500	39	99,480	7,990,750	80.3
2-3	0.000217	99,461	22	99,450	7,891,270	79.3
3-4	0.000158	99,439	16	99,431	7,791,821	78.4
4-5	0.000143	99,423	14	99,416	7,692,389	77.4
5-6	0.000125	99,409	12	99,403	7,592,973	76.4
6-7	0.000114	99,397	11	99,391	7,493,570	75.4
7-8	0.000105	99,385	10	99,380	7,394,179	74.4
8-9	0.000097	99,375	10	99,370	7,294,799	73.4
9-10	0.000088	99,365	9	99,361	7,195,429	72.4
10-11	0.000082	99,356	8	99,352	7,096,069	71.4
11-12	0.000085	99,348	8	99,344	6,996,716	70.4
12-13	0.000104	99,340	10	99,335	6,897,372	69.4
13-14	0.000141	99,329	14	99,322	6,798,038	68.4
14-15	0.000189	99,315	19	99,306	6,698,715	67.4
15-16	0.000242	99,297	24	99,285	6,599,409	66.5
16-17	0.000291	99,273	29	99,258	6,500,124	65.5
17-18	0.000331	99,244	33	99,227	6,400,866	64.5
18-19	0.000359	99,211	36	99,193	6,301,639	63.5
19-20	0.000378	99,175	38	99,157	6,202,446	62.5
20-21	0.000398	99,138	39	99,118	6,103,289	61.6
21-22	0.000419	99,098	42	99,078	6,004,171	60.6
22-23	0.000438	99,057	43	99,035	5,905,093	59.6
23-24	0.000454	99,013	45	98,991	5,806,058	58.6
24-25	0.000467	98,969	46	98,945	5,707,067	57.7
25-26	0.000481	98,922	48	98,898	5,608,122	56.7
26-27	0.000497	98,875	49	98,850	5,509,223	55.7
27-28	0.000512	98,826	51	98,800	5,410,373	54.7
28-29	0.000529	98,775	52	98,749	5,311,573	53.8
29-30	0.000550	98,723	54	98,696	5,212,824	52.8
30-31	0.000577	98,668	57	98,640	5,114,129	51.8
31-32	0.000611	98,611	60	98,581	5,015,489	50.9
32-33	0.000651	98,551	64	98,519	4,916,907	49.9
33-34	0.000697	98,487	69	98,453	4,818,388	48.9
34-35	0.000747	98,418	74	98,382	4,719,935	48.0
35-36	0.000803	98,345	79	98,305	4,621,554	47.0
36-37	0.000867	98,266	85	98,223	4,523,248	46.0
37-38	0.000942	98,181	92	98,135	4,425,025	45.1
38-39	0.001031	98,088	101	98,038	4,326,890	44.1
39-40	0.001135	97,987	111	97,932	4,228,853	43.2
40-41	0.001248	97,876	122	97,815	4,130,921	42.2
41-42	0.001372	97,754	134	97,687	4,033,106	41.3
42-43	0.001518	97,620	148	97,546	3,935,419	40.3
43-44	0.001684	97,472	164	97,390	3,837,873	39.4
44-45	0.001863	97,307	181	97,217	3,740,484	38.4
45-46	0.002044	97,126	198	97,027	3,643,267	37.5
46-47	0.002224	96,928	216	96,820	3,546,240	36.6
47-48	0.002407	96,712	233	96,596	3,449,420	35.7
48-49	0.002597	96,479	251	96,354	3,352,824	34.8
49-50	0.002800	96,229	269	96,094	3,256,470	33.8
50-51	0.003024	95,959	290	95,814	3,160,376	32.9
51-52	0.003263	95,669	312	95,513	3,064,562	32.0
52-53	0.003506	95,357	334	95,190	2,969,049	31.1
53-54	0.003749	95,023	356	94,845	2,873,859	30.2
54-55	0.004003	94,667	379	94,477	2,779,014	29.4
55-56	0.004272	94,288	403	94,086	2,684,537	28.5
56-57	0.004584	93,885	430	93,670	2,590,451	27.6
57-58	0.004967	93,454	464	93,222	2,496,781	26.7
58-59	0.005442	92,990	506	92,737	2,403,559	25.8
59-60	0.005997	92,484	555	92,207	2,310,822	25.0
60-61	0.006623	91,930	609	91,625	2,218,615	24.1
61-62	0.007294	91,321	666	90,988	2,126,990	23.3
62-63	0.007995	90,655	725	90,292	2,036,002	22.5

See footnote at end of table.

**Table 6. Life table for white females: United States, 2008—Con.**Spreadsheet version available from: [ftp://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Publications/NVSR/61\\_03/Table06.xls](ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/NVSR/61_03/Table06.xls).

	Probability of dying between ages $x$ and $x + 1$	Number surviving to age $x$	Number dying between ages $x$ and $x + 1$	Person-years lived between ages $x$ and $x + 1$	Total number of person-years lived above age $x$	Expectation of life at age $x$
Age (years)	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
63–64 . . . . .	0.008721	89,930	784	89,538	1,945,710	21.6
64–65 . . . . .	0.009501	89,146	847	88,722	1,856,172	20.8
65–66 . . . . .	0.010408	88,299	919	87,839	1,767,450	20.0
66–67 . . . . .	0.011453	87,380	1,001	86,879	1,679,611	19.2
67–68 . . . . .	0.012585	86,379	1,087	85,835	1,592,732	18.4
68–69 . . . . .	0.013768	85,292	1,174	84,705	1,506,897	17.7
69–70 . . . . .	0.015039	84,117	1,265	83,485	1,422,192	16.9
70–71 . . . . .	0.016423	82,852	1,361	82,172	1,338,708	16.2
71–72 . . . . .	0.018087	81,492	1,474	80,755	1,256,536	15.4
72–73 . . . . .	0.019998	80,018	1,600	79,218	1,175,781	14.7
73–74 . . . . .	0.022115	78,417	1,734	77,550	1,096,563	14.0
74–75 . . . . .	0.024382	76,683	1,870	75,748	1,019,013	13.3
75–76 . . . . .	0.026808	74,814	2,006	73,811	943,265	12.6
76–77 . . . . .	0.029536	72,808	2,150	71,733	869,454	11.9
77–78 . . . . .	0.032623	70,658	2,305	69,505	797,721	11.3
78–79 . . . . .	0.036241	68,352	2,477	67,114	728,216	10.7
79–80 . . . . .	0.040391	65,875	2,661	64,545	661,102	10.0
80–81 . . . . .	0.044871	63,215	2,836	61,796	596,557	9.4
81–82 . . . . .	0.049684	60,378	3,000	58,878	534,761	8.9
82–83 . . . . .	0.055265	57,378	3,171	55,793	475,883	8.3
83–84 . . . . .	0.061913	54,207	3,356	52,529	420,090	7.7
84–85 . . . . .	0.069306	50,851	3,524	49,089	367,561	7.2
85–86 . . . . .	0.077663	47,327	3,676	45,489	318,472	6.7
86–87 . . . . .	0.086926	43,651	3,794	41,754	272,983	6.3
87–88 . . . . .	0.097865	39,857	3,901	37,907	231,229	5.8
88–89 . . . . .	0.109920	35,956	3,952	33,980	193,322	5.4
89–90 . . . . .	0.123139	32,004	3,941	30,033	159,342	5.0
90–91 . . . . .	0.137554	28,063	3,860	26,133	129,309	4.6
91–92 . . . . .	0.153182	24,203	3,707	22,349	103,176	4.3
92–93 . . . . .	0.170014	20,495	3,484	18,753	80,827	3.9
93–94 . . . . .	0.188018	17,011	3,198	15,412	62,074	3.6
94–95 . . . . .	0.207135	13,813	2,861	12,382	46,662	3.4
95–96 . . . . .	0.227271	10,951	2,489	9,707	34,280	3.1
96–97 . . . . .	0.248308	8,463	2,101	7,412	24,573	2.9
97–98 . . . . .	0.270095	6,361	1,718	5,502	17,161	2.7
98–99 . . . . .	0.292457	4,643	1,358	3,964	11,659	2.5
99–100 . . . . .	0.315199	3,285	1,035	2,767	7,695	2.3
100 and over . . . . .	1.000000	2,250	2,250	4,927	4,927	2.2

SOURCE: CDC/NCHS, National Vital Statistics System.